

|      |                              |             |     |
|------|------------------------------|-------------|-----|
|      | Network Heartbeat Enable     | Enable      | 200 |
|      | Remote Group Status          | Alive       | 210 |
|      | Remote Copy Heartbeat Enable | Enable      | 220 |
|      | Remote Group Status          | Alive       | 230 |
| 240a | Device Address (1)           | /dev/c1t1d2 | 240 |
| 241a | Device Status (1)            | Enable      | 241 |
| 240b | Device Address (2)           | /dev/c1t1d3 | 240 |
| 241b | Device Status (2)            | Enable      | 241 |
|      | ...                          | ...         |     |
| 240c | Device Address (n)           | NULL        | 240 |
| 241c | Device Status (n)            | Disable     | 241 |

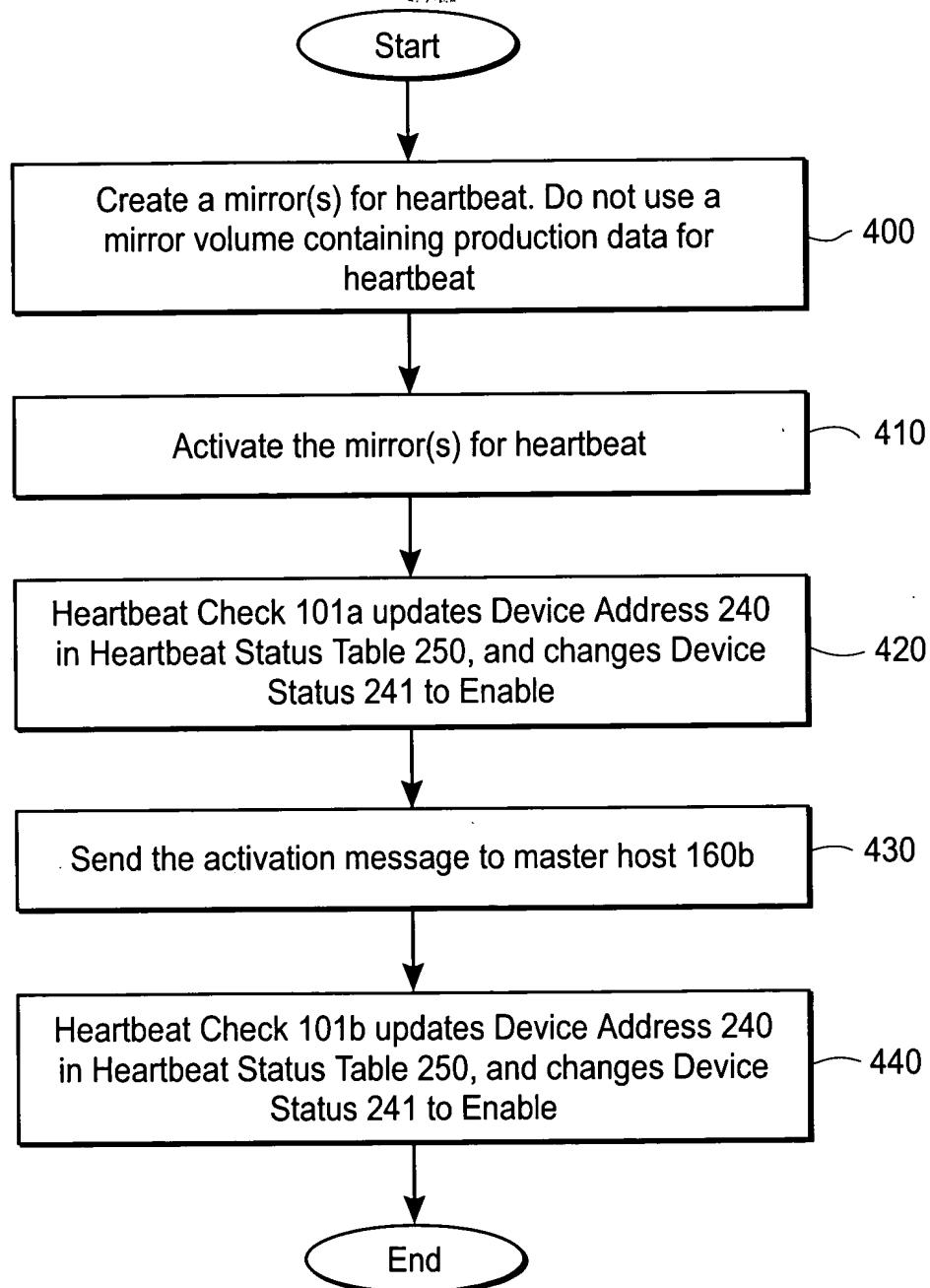
Heartbeat Status Table 250

FIG. 2

|               |        |     |
|---------------|--------|-----|
| Serial Number | 421014 | 310 |
| Time          | 18:31  | 320 |
| Identifier    | 400104 | 330 |

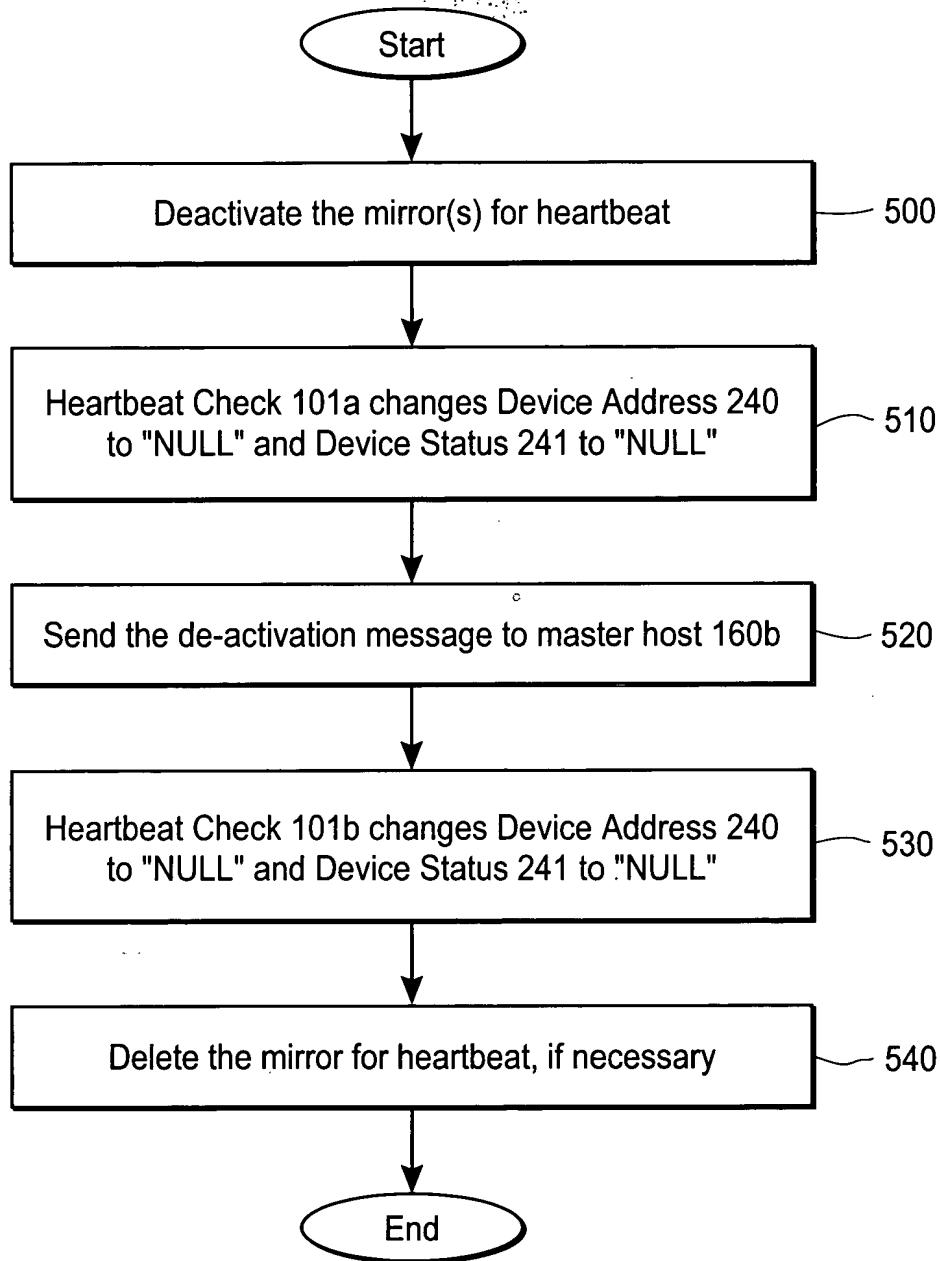
Heartbeat Message 300

FIG. 3



Installing Mirror Volumes for Heartbeat

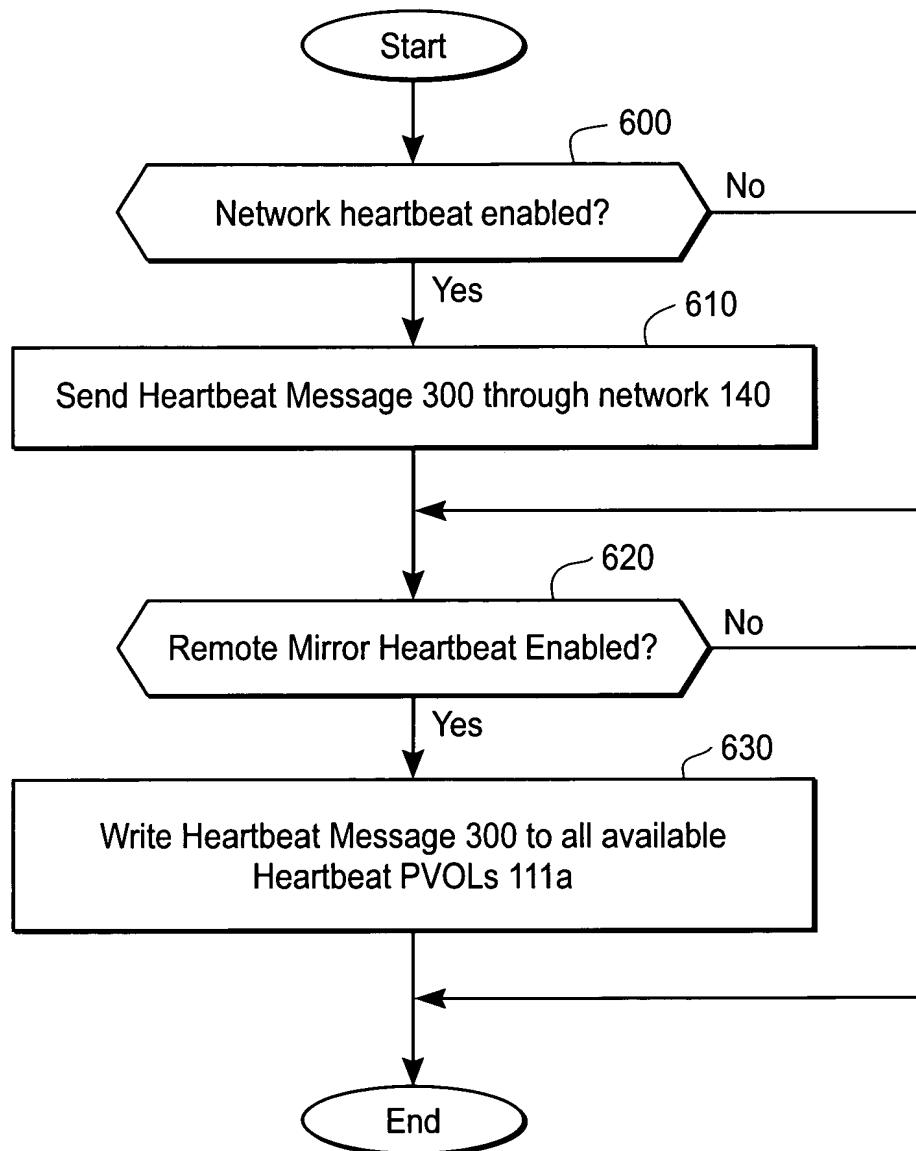
FIG. 4



De-installing Mirror Volumes for Heartbeat

FIG. 5

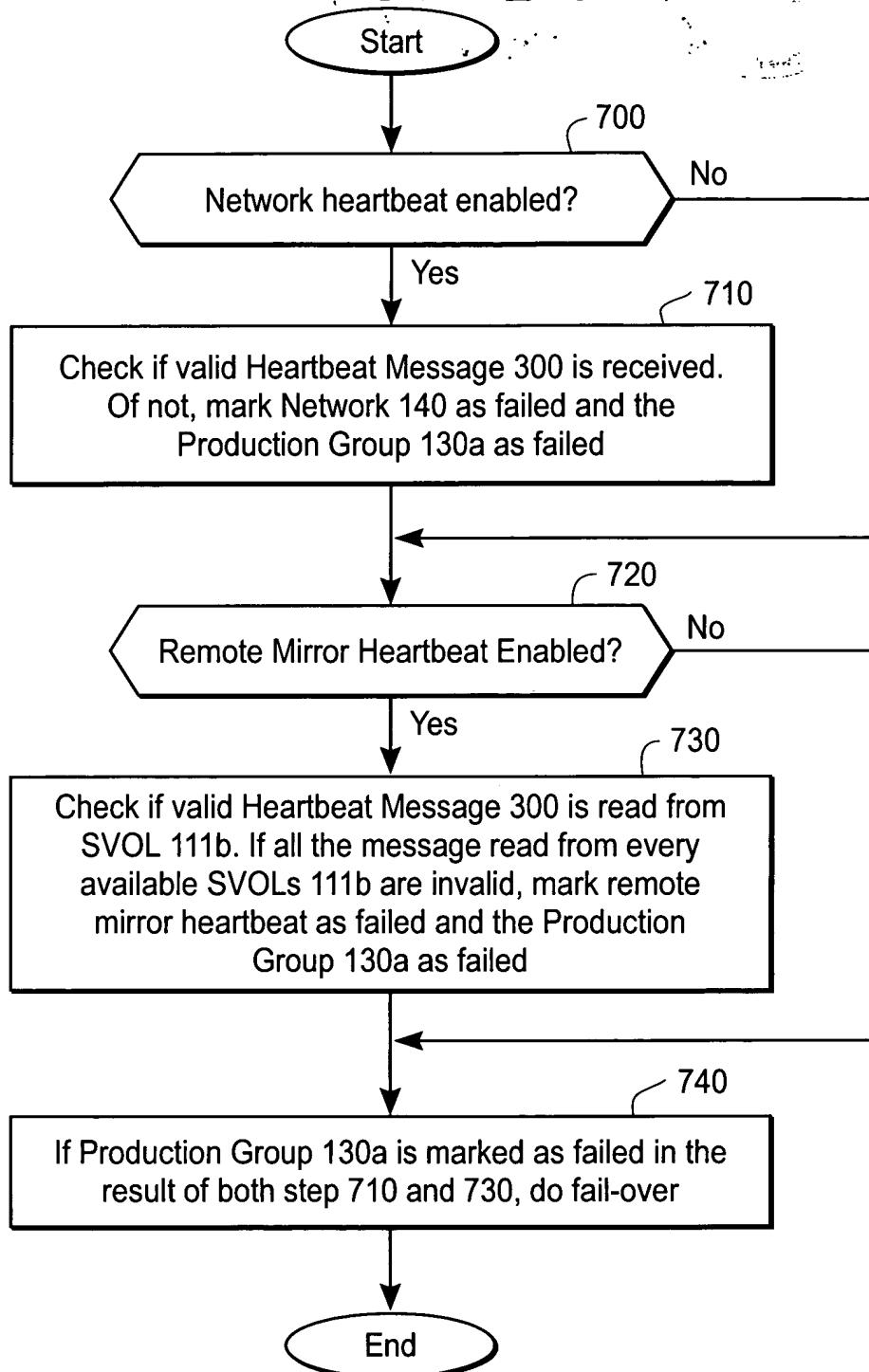
09/760,345-050204



Sending Heartbeat Message (Heartbeat Check 101a)

FIG. 6

09/760,345-0502031



Receiving Heartbeat Message (Heartbeat Check 101b)

FIG. 7

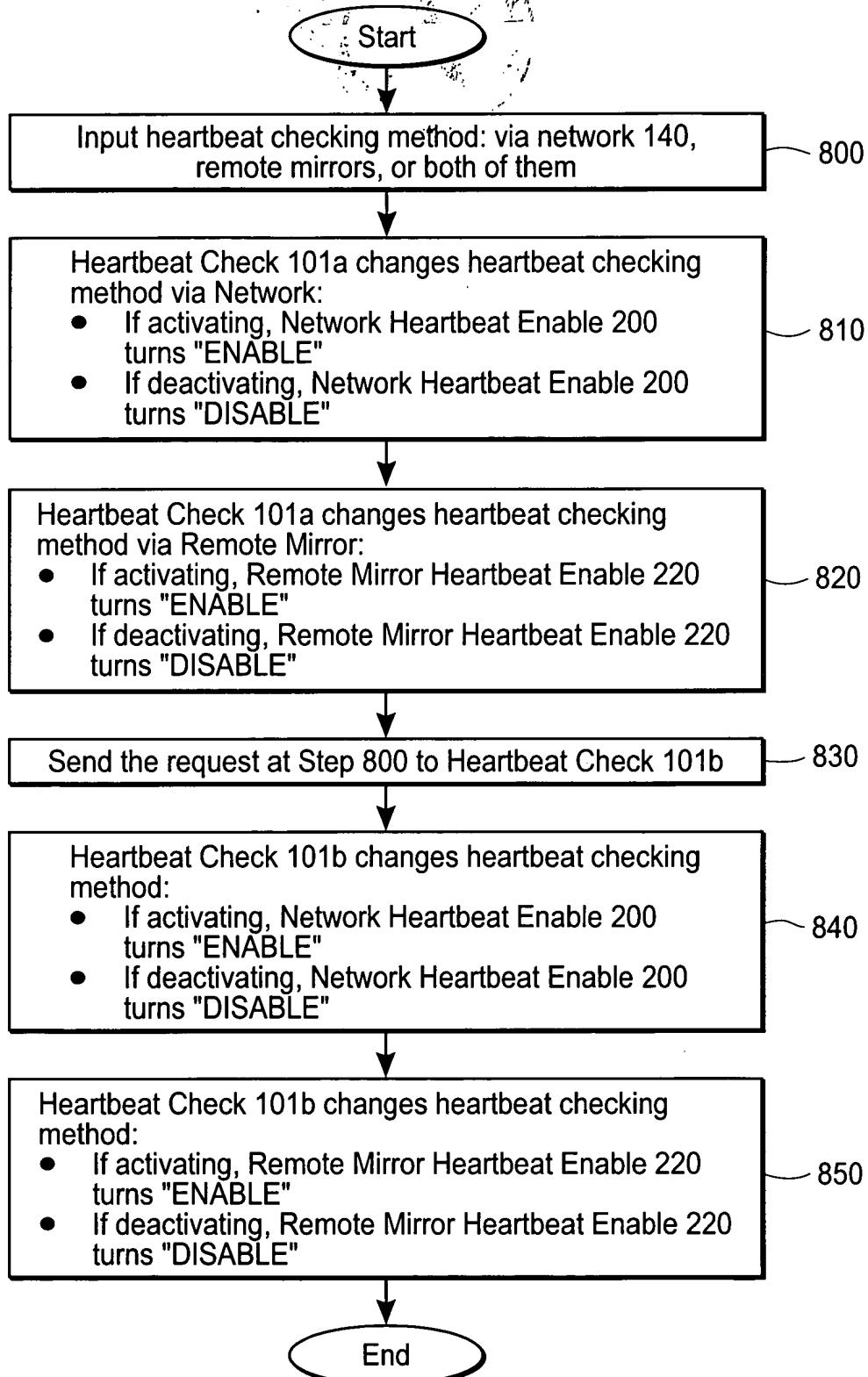
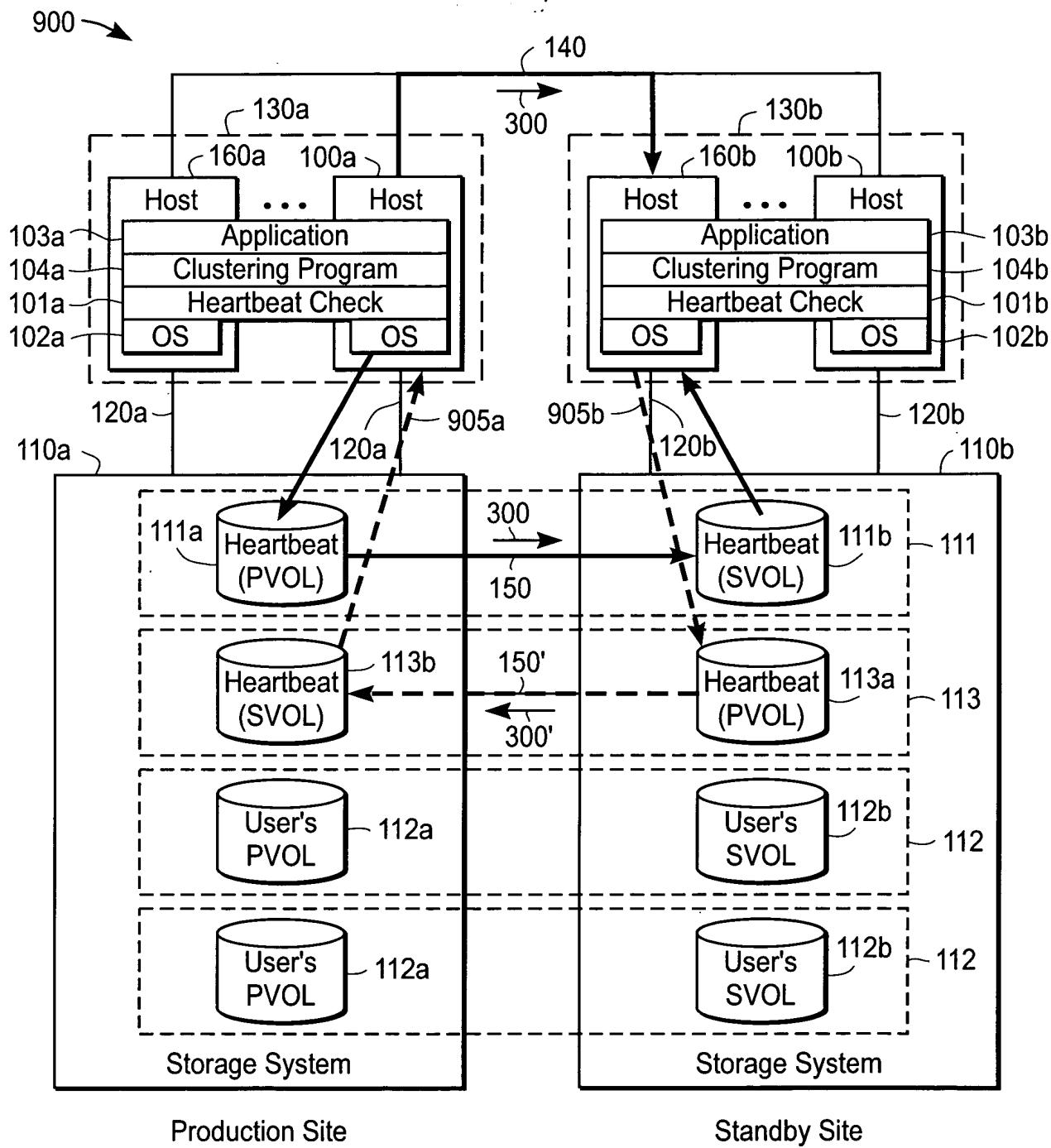


FIG. 8 Setting a Heartbeat Checking Method



System Configuration

FIG. 9

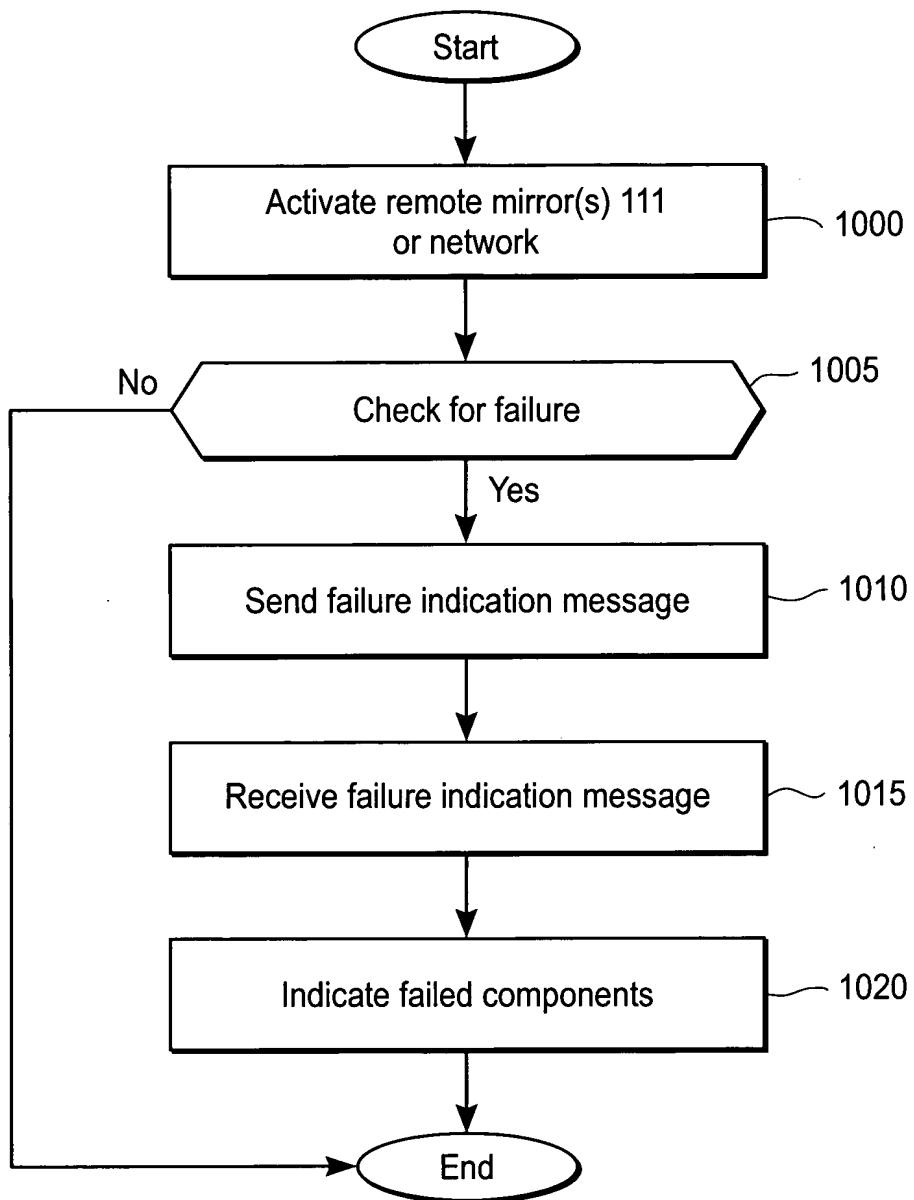


FIG. 10

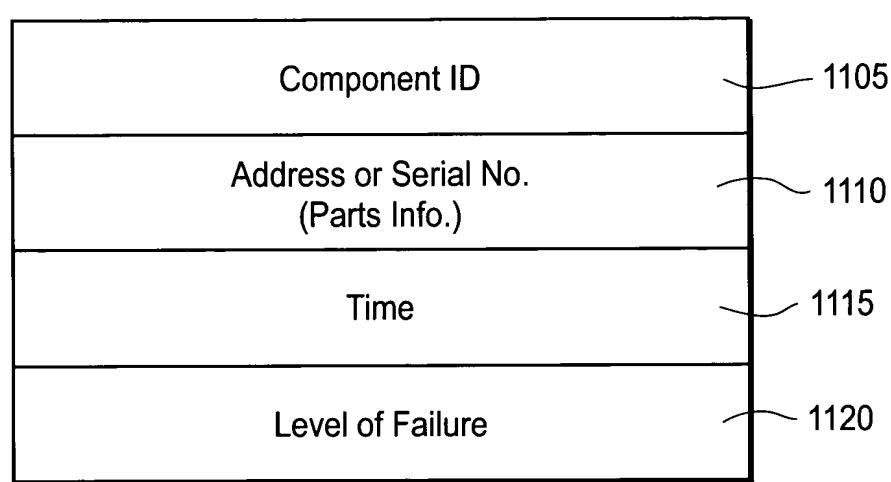


FIG. 11